

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Fruitland Magnesium Fire Incident - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX

Subject: POLREP #7
Interior Cleaning completed, residents re-occupy!
Fruitland Magnesium Fire Incident

Maywood, CA
Latitude: 33.9961640 Longitude: -118.2011630

To: Harry Allen, EPA Region 9
Dan Meer, EPA Region 9
Enrique Manzanilla, EPA Region 9

From: Michelle Rogow, OSC

Date: 7/11/2016

Reporting Period: 7/1-7/11/2016

1. Introduction

1.1 Background

Site Number:	A9AP	Contract Number:	
D.O. Number:		Action Memo Date:	7/1/2016
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/14/2016	Start Date:	6/14/2016
Demob Date:	7/12/2106	Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Magnesium fire at a metal recycling and stripping company.

1.1.2 Site Description

On June 14, 2016 at approximately 0200 hours, a fire started at Panda International Trading (PIT) located at 3570 Fruitland Ave., Maywood, CA. Fruitland Ave. is a commercial/light manufacturing district. The facility holds two businesses, PIT and SOKOR Metals. PIT is a scrap metal yard that send scrap metal out in bulk for recovery. SOKOR is a precious metals recovery operation that recovers precious metals from circuit boards and other electronics. The site originally consisted of several buildings, but all were destroyed in the fire.

During the fire approximately 300 people on [REDACTED] were evacuated. The evacuation was lifted homes on the [REDACTED] on June 16, 2016, by LACoFD. The homes of the [REDACTED] that borders the site have remained evacuated due to the presence of ash throughout the properties. 43 residences on the [REDACTED] remained under a mandatory evacuation order and 5 residences on the [REDACTED] are under medical evacuation.

1.1.2.1 Location

The site is located at 3570 Fruitland Ave., Maywood, Los Angeles Co., CA 90702 (Latitude: 33.9961640 Longitude: -118.2011630). On the southern fence line of the site is a residential neighborhood of single family homes. To the north, east and west is light industry.

1.1.2.2 Description of Threat

See POLREP No. 1.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP No. 6.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See POLREP 2.

2.1.2 Response Actions to Date

July 1, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) continued photo documentation of outdoor areas which were recommended for outdoor cleanup. In addition, secondary micro-vac samples were collected inside 9 structures and indoor air verification samples were collected inside 7 structures. Outdoor air sampling for heavy metals and real-time monitoring for total particulates were continued at the perimeter of outdoor cleanup activities. Composite surface soil samples were collected from 7 parcels along the [REDACTED] [REDACTED] [REDACTED]. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) continued to conduct outdoor cleanup operations at 3 parcels (for a total of 13 to date with 4 parcels remaining). Completed indoor cleaning of 2 residences (total 7 to date). Mitigation branch continued to work on separation between the facility debris and residential properties.

July 2, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) continued photo documentation of outdoor areas which were recommended for outdoor cleanup. In addition, secondary micro-vac samples were collected inside 10 structures and indoor air verification samples were collected inside 4 structures. Outdoor air sampling for heavy metals and real-time monitoring for total particulates were continued at the perimeter of outdoor cleanup activities. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) continued to conduct outdoor cleanup operations, including work on rooftops, at 2 parcels (for a total of 13 to date with 4 parcels remaining). Continued indoor cleaning of 2 residences (total 7 to date). Mitigation branch continued to work on separation between the facility debris and residential properties.

July 3, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) conducted outdoor air sampling for heavy metals and real-time monitoring for total particulates at the perimeter of outdoor cleanup activities. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) conducted outdoor cleanup operations at 1 parcel (for a total of 13 to date with 4 parcels remaining). Completed indoor cleaning of 2 residences (total 9 to date).
- Transition and demobilization plan approved by UC.
- Data documentation for residential determination developed for DPH Health Officer. Draft of package for residents.

July 4, 2016

Removal activities were suspended for the holiday.

July 5, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) conducted outdoor air sampling for heavy metals and real-time monitoring for total particulates at the perimeter of outdoor cleanup activities. Secondary micro-vac samples were collected inside 3 structures and indoor air verification samples were collected inside 3 structures. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) continued outdoor cleanup operations at 2 parcels (for a total of 15 to date with 2 parcels remaining). 2 residential structures were inspected by City of Maywood.

July 6, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) conducted outdoor air sampling for heavy metals and real-time monitoring for total particulates at the perimeter of outdoor cleanup activities. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) continued outdoor cleanup operations at 2 parcels (for a total of 15 to date with 2 parcels remaining). The mitigation branch installed filter fabric (geotextile) over the burned debris piles on the facility.
- DPH expressed concern regarding one residential property which had re-sampling. Information provided to DPH.
- Package for residential re-entry was approved by UC.
- Second FAQ fact sheet approved and distributed.

July 7, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) conducted outdoor air sampling for heavy metals and real-time monitoring for total particulates at the perimeter of outdoor cleanup activities. Management of data

and site files was conducted.

- The Mitigation Branch (ERRS) continued outdoor cleanup operations at 2 parcels (for a total of 15 to date with 2 parcels remaining).
- UC continued discussions regarding residence which was resampled.

July 8, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) conducted outdoor air sampling for heavy metals and real-time monitoring for total particulates at the perimeter of outdoor cleanup activities. Management of data and site files was conducted.
- The Mitigation Branch (ERRS) continued outdoor cleanup operations at 2 parcels (for a total of 17 to date with 0 parcels remaining). Debris bins were transported from the site for disposal. Demobilization activities began.
- Agreement to clean residence which had been resampled.

July 9, 2016

Agencies Present: EPA, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) managed data and site files.
- Additional residence was recommended for indoor cleaning.
- The Mitigation Branch (ERRS) completed indoor cleaning of 2 residences (11 to date). Demobilization activities continued.

July 10, 2016

Agencies Present: EPA, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: START, ERRS

- The Environmental Unit (START) collected a secondary micro-vac sample and indoor air verification samples 1 structure. All START personnel, equipment, and supplies were demobilized from the site.
- The Mitigation Branch (ERRS) demobilized personnel and equipment.
- CIC day off.

July 11, 2016

Agencies Present: EPA, LACoFD, LACoPH, VFD, VPD, and LACoSD

Contractors Present: None.

- EPA finished preparing reoccupation documentation for all 17 parcels [REDACTED] [REDACTED] [REDACTED] that had been evacuated.
- A fact sheet for south side residents was circulated for review and concurrence
- UC approved the outline for the documentation package for residents.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See POLREP No. 3.

2.1.4 Progress Metrics

See daily activities description above.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

Planning Section transitioned from USCG IMAT to LA County DPH.

Demob Plan implemented.

Preparation of the final package for residents.

2.2.1.1 Planned Response Activities

See above

2.2.1.2 Next Steps

See above

2.2.2 Issues

Continuing need for access to the residences and coordination for follow up items which are being addressed with individual residents.

2.3 Logistics Section

LACoPH is serving as the Logistics Section Chief for the Unified Command. The ERRS contractor is handling logistics for EPA.

2.4 Finance Section

2.4.1 Narrative

See POLREP No. 1.

Mary Matthews servings as Finance Section Chief.

Estimated costs below are as of 7/7/16.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$500,000.00	\$374,625.00	\$125,375.00	25.08%
IAGs - PST	\$40,000.00	\$30,056.00	\$9,944.00	24.86%
TAT/START	\$380,537.00	\$341,500.00	\$39,037.00	10.26%
SERAS	\$40,000.00	\$14,188.00	\$25,812.00	64.53%
Intramural Costs				
USEPA - Direct	\$50,000.00	\$42,000.00	\$8,000.00	16.00%
Total Site Costs	\$1,010,537.00	\$802,369.00	\$208,168.00	20.60%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

USCG Safety Officer demobed on 7/8/16.

2.5.2 Liaison Officer

2.5.3 Information Officer

PIO transitioned from USEPA to LACo DPH.

3. Participating Entities

3.1 Unified Command

The Unified Commanders are EPA, LACoFD HHMS and LACoPH.

3.2 Cooperating Agencies

DTSC, DPSS, LACoOEM, LACoSD, VFD, VPD, SCAQMD, LACoISD; DTSC, EPA CID, City of Maywood, City of Vernon.

4. Personnel On Site

EPA OSC: 2 (Musante, Zuroski/Rogow)

EPA RSC: 1 (Matthews)

USCG PIAT: 2

USCG PST: 3

USCG IMAT: 2

START: 6

ERRS: 13 (+ SERVPro crews)

5. Definition of Terms

AQMD: South Coast Air Quality Management District

CERCLA: Comprehensive Environmental Response Compensation and Liability Act

CFR: Code of Federal Regulations

CIC: Community Information Coordinator

Co.: County

DPSS: Department of Public Social Services

DTSC: Department of Toxic Substance

EPA: Environmental Protection Agency

ERRS: Emergency and Rapid Removal Services (EPA Contractor)

ERT: Environmental Response Team

HCN: Hydrogen Cyanide

HHMD: Health Hazardous Materials Division

IMAT: Incident Management Team

LACoFD: Los Angeles County Fire Department

LACoOEM: Los Angeles County Office of Emergency Management

LACoPH: Los Angeles County Public Health

LACoSD: Los Angeles County Sheriff's Department

NCP: National Contingency Plan (40 CFR 300)

OSC: On-Scene Coordinator

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

PES: Patriot Environmental Services

PRP: Potentially Responsible Party

PST: Pacific Strike Team

PIAT: Public Information Assistance Team

PIT: Panda International Trading Co.

RM: Removal Manager

SERAS: Science, Engineering, Response and Analytical Support contractor

SOKOR: SOKOR Metals

START: Superfund Technical Assessment Response Team contractor

TDD: Technical Direction Document

TO: Task Order

TTL: Total Threshold Limit Concentration

USCG: US Coast Guard

VFD: Vernon Fire Department

VOCs: Volatile Organic Compounds

VPD: Vernon Police Department

XRF: X-Ray Fluorescence Spectrometer

6. Additional sources of information

6.1 Internet location of additional information/report

The website for this site is located www.epaosc.org/FruitlandMgFire.

Additionally, site for the public has been set up at <http://publichealth.lacounty.gov/media/fire/>

6.2 Reporting Schedule

7. Situational Reference Materials

See the IAPs in Documents Section.